

Multi-Function Shaker

General information about ADOT-1500MS Multi-Function Shaker

Multi-Function Shaker is used in laboratory to heat, shake, degas various kinds of liquid under constant temperature and a fixed time. It is controlled by micro-computer to realize man-machine interaction.

Features:

- 240*128 LCD display.
- Small size, light weight and low noise.
- Easy operation, control temperature is accurate.



Technical Specification of the device:

- Temperature measurement range: 0~120°C
- Temperature control range: Room temperature to 110°C
- Temperature control method: Digital PID auto control
- Temperature control accuracy: Room temperature to 50°C, $\pm 0.2^{\circ}\text{C}$; 50°C~100°C, $\pm 0.3^{\circ}\text{C}$; 100~110°C; $\pm 0.5^{\circ}\text{C}$
- Shaking frequency: 275 \pm 3 times/minute
- Shaking amplitude: 35mm
- Quantity of samples: Injector 100ml *8pcs; conical flask 250ml *4pcs
- Working modes: A. Chromatography degassing: Constant temperature at 50°C, shaking for 20 mins, static for 10 mins. B. Water-soluble acid: Constant temperature at 75°C, shaking for 5 mins, static for 0 minute.C. User defined:
- Constant temperature 0 to 110°C at any setting; shaking 0-99 mins at any setting; static 0~99 minutes at any setting. D. Start and stop by hand
- Voltage: AC220V \pm 20%
- Frequency: 50Hz \pm 5%
- Max. power consumption: 800W
- Environment temperature: 10°C-40°C
- Environment humidity: $\leq 85\%$
- Dimension: 500 X 350 X 400mm
- Weight: 35 kg

